

【WHAT IS CLAIMED IS】

【CLAIM 1】

A slide type portable terminal, comprising:

a main unit including separated first and second key sections that are formed on a surface of the main unit; and

a display unit which includes a display screen formed on a front surface of the display unit and is slid along the surface of the main unit to cause the first and second key sections of the main unit to be covered and exposed,

first magnet and second magnets provided in the main unit and display unit, and positioned to provide their repulsive force maximally if the first and second magnets are placed on the opposite positions

wherein the display unit can be selectively placed on a position where both the first and second key sections of the main unit are exposed, a position where only one of the key sections is exposed, and a position where both the first and second key sections are covered.

【CLAIM 2】

The slide type portable terminal as claimed in claim 1, further comprising a stopper mechanism for allowing the display unit to be stopped at the position where only one of the key sections is exposed.

【CLAIM 3】

The slide type portable terminal as claimed in claim 2, wherein the stopper mechanism includes a stopper groove that is formed on one of the display unit and the main unit, and a stopper spring that is formed

on the other one of the units to correspond to the stopper groove and seated selectively into the stopper groove.

【CLAIM 4】

The slide type portable terminal as claimed in any one of claims 1 to 3, wherein the first and second magnets are arranged on the main unit and the display unit, respectively, so that the same poles of the magnets face each other to provide a repulsive force when they are positioned to face (close to) each other.

【CLAIM 5】

The slide type portable terminal as claimed in claim 4, wherein corresponding sliding structures for performing sliding operations of the main unit and the display unit are provided on opposite lateral ends of the main unit and the display unit.

【CLAIM 6】

A slide type portable terminal, comprising:

a main unit including separated first and second key sections and a first plate that are formed on a surface of the main unit;

a display unit which includes a display screen formed on a front surface of the display unit and a second plate slid with respect to the first plate and is slid along the surface of the main unit to cause the first and second key sections of the main unit to be covered and exposed; and

first and second magnets which are provided on the first and second plates, respectively, so that the same poles of the magnets face

each other to provide a repulsive force when they are positioned to face (close to) each other.

【CLAIM 7】

The slide type portable terminal as claimed in claim 6, further comprising a stopper mechanism for allowing the display unit to be stopped at a position where one of the key sections is exposed.

【CLAIM 8】

The slide type portable terminal as claimed in claim 7, wherein the stopper mechanism includes a stopper groove that is formed on one of the first and second plates, and a stopper spring that is formed on the other one of the plates to correspond to the stopper groove and seated selectively into the stopper groove.